

CLAIM SET AS AMENDED

1. (Currently amended) A GPS antenna unit for mounting on a two-wheeled motor vehicle for receiving a radio wave from a GPS satellite, comprising:

a unit case including an interior portion and an exterior surface;

a helical antenna extending from the exterior surface of the unit case; ~~and~~

a controller accommodated within said interior portion of said unit case for processing radio waves received by said helical antenna; and

a body for the two-wheeled motor vehicle,

wherein said body includes a space for holding said unit case in a predetermined posture so that said helical antenna protrudes through an aperture of said body and faces a zenith when said two-wheeled motor vehicle is in a regular posture.

2. (Original) A GPS antenna unit for mounting to a two-wheeled motor vehicle for receiving a radio wave from a GPS satellite, comprising:

a unit case including an interior portion and an exterior surface;

a helical antenna extending from the exterior surface of the unit case;

a controller accommodated within said interior portion of said unit case for processing the radio wave received by said helical antenna; and

a component for the two-wheeled motor vehicle, said component holding said unit case;

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wherein said component for the two-wheeled motor vehicle holds said unit case in a predetermined posture so that said helical antenna faces a zenith when said component is attached to the two-wheeled motor vehicle in a regular posture thereof.

3. (Original) The GPS antenna unit for a two-wheeled motor vehicle according to claim 2, wherein said component for the two-wheeled motor vehicle is a side mirror and said unit case is incorporated in said side mirror.

4. (Original) The GPS antenna unit for a two-wheeled motor vehicle according to claim 2, wherein said component for the two-wheeled motor vehicle is a cowl and said unit case is mounted inside said cowl.

5. (Original) The GPS antenna unit for a two-wheeled motor vehicle according to claim 2, wherein said component for the two-wheeled motor vehicle is a fender and said unit case is mounted inside said fender.

6. (Original) The GPS antenna unit for a two-wheeled motor vehicle according to claim 2, wherein said component for the two-wheeled motor vehicle is a headlight and said unit case is incorporated in said headlight.

7. (Original) The GPS antenna unit for a two-wheeled motor vehicle according to claim 2, wherein said component for the two-wheeled motor vehicle is a meter panel and said unit case is incorporated in said meter panel.

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8. (Currently amended) A GPS antenna unit for mounting on a motor vehicle for receiving a radio wave from a GPS satellite, comprising:

a unit case including an interior portion and an exterior surface;

a helical antenna extending from the exterior surface of the unit case;

a controller accommodated within said interior portion of said unit case for processing the radio wave received by said helical antenna; and

a component secured to the motor vehicle, said component including a space for holding and positioning said unit case with said helical antenna being exposed for receiving radio waves;

wherein said component for the motor vehicle positions said unit case in a predetermined posture for orienting said helical antenna to face a zenith when said unit case is secured to said component and said component is attached to the motor vehicle in a regular posture thereof.

9. (Original) The GPS antenna unit for a vehicle according to claim 8, wherein said component for the vehicle is a side mirror and said unit case is positioned within a casing for said side mirror.

10. (Original) The GPS antenna unit for a vehicle according to claim 8, wherein said component for the vehicle is a cowl and said unit case is mounted inside said cowl.

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11. (Original) The GPS antenna unit for a vehicle according to claim 8, wherein said component for the vehicle is a fender and said unit case is mounted inside said fender.

12. (Original) The GPS antenna unit for a vehicle according to claim 8, wherein said component for the vehicle is a headlight and said unit case is positioned within a casing for said headlight.

13. (Original) The GPS antenna unit for a vehicle according to claim 8, wherein said component for the vehicle is a meter panel and said unit case is positioned within a casing for said meter panel.

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